

Patent claims

1. A process for packaging cigarettes as a cigarette block, possibly wrapped in inner paper, in an outer
5 pack which is at least partially rounded and score-free in the side-wall region and comprises at least one blank, two outer-pack layers which extend over the entire outer periphery of the side-wall region being arranged one above the other and connected to one
10 another along a seam, and base-closure, and, if appropriate, lid-closure flaps of the at least one blank being folded over and connected, wherein the two layers are connected to one another, over the entirety of the surface areas located opposite one another, at
15 least in an essentially uniform connecting pattern such that stressing occurring in rounded wall regions is essentially avoided.
2. The process as claimed in claim 1, wherein the
20 blank material used is a paper which, as a result of the connection, achieves a stability which is approximately equivalent to that of a cardboard box.
3. The process as claimed in either of claims 1 and
25 2, wherein cold glue is used in order to connect the two layers.
4. The process as claimed in claim 1 or 2, wherein
30 use is made of blanks with previously applied adhesive which can be activated by heat and/or pressure and/or ultrasound, this being done during the packaging operation.
5. The process as claimed in one of claims 1 to 4,
35 wherein the adhesive is applied in a strip pattern.
6. The process as claimed in claim 5, wherein a stabilizing strip pattern is applied.

7. The process as claimed in claim 5 or 6, wherein the strip pattern at least partially comprises interrupted strips.

5 8. The process as claimed in one of claims 5 to 7, wherein the strip pattern is applied essentially in the direction in which the rounding extends.

9. The process as claimed in one of claims 1 to 8,
10 wherein, for the outer pack, use is made of a single-piece blank which is previously folded onto itself, the resulting two layers being at least partially connected to one another.

15 10. The process as claimed in one of claims 1 to 8, wherein, for the outer pack, use is made of two blanks which, in the first instance, are at least partially connected to one another.

20 11. The process as claimed in claim 9 or 10, wherein the layers are connected to one another beforehand in a region which is not to be bent.

12. The process as claimed in one of claims 1 to 8,
25 wherein, for the outer pack, use is made of a single-piece blank which, for the purpose of forming the side walls, is folded onto itself and connected.

13. The process as claimed in one of claims 1 to 12,
30 wherein the seam is formed with an at most three-layered overlap.

14. The process as claimed in one of claims 1 to 13,
wherein the seam is arranged adjacent to the end of the
35 lid articulation.

15. The process as claimed in one of claims 1 to 8 and 10, 11 or 13, 14 wherein use is made of layers of different thicknesses.

16. The process as claimed in one of claims 1 to 15, wherein the blank material used is paper with a basis weight of approximately 120 to 150 g/m².

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17. The process as claimed in one of claims 1 to 16, wherein an additional layer is arranged between the two layers of paper.

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18. The process as claimed in one of claims 1 to 17, wherein swing-out tabs for the hinged lid are formed on the inner layer.

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19. The process as claimed in claim 18, wherein the swing-out tabs are reinforced.

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20. A cigarette pack comprising a cigarette block, if appropriate an inner paper wrapping the cigarette block, and an outer pack which is at least partially rounded in the side-wall region and comprises at least one blank, two outer-pack layers which extend over the entire outer periphery of the side-wall region being arranged one above the other and connected to one another along a seam, and base-closure, and if appropriate, lid-closure flaps of the at least one blank being folded over and connected, wherein the two layers are connected to one another, over the entirety of the areas located opposite one another, at least in an essentially uniform connecting pattern, essentially no stressing being present in the rounded wall regions.

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